

Appendix table 4-21

R&D performed by majority-owned affiliates of foreign companies in United States, by NAICS industry of affiliate: 2007–08

(Millions of current U.S. dollars)

Industry/sector	NAICS code	2007	2008
All industries	na	40,967	40,519
Manufacturing	31–33	30,615	28,190
Food	311	D	557
Beverages and tobacco products	312	54	47
Paper	322	52	43
Petroleum and coal products	324	D	D
Chemicals	325	15,908	14,121
Basic chemicals	3251	603	670
Pharmaceuticals and medicines	3254	14,331	12,537
Other	na	974	914
Plastics and rubber products	326	421	424
Nonmetallic mineral products	327	277	242
Primary and fabricated metals	na	292	364
Primary metals	331	67	112
Fabricated metal products	332	225	252
Machinery	333	1,939	2,535
Computers and electronic products	334	3,838	4,259
Semiconductors and other electronic components	3344	683	783
Navigational, measuring, and other instruments	3345	351	406
Other	na	2,804	3,070
Electrical equipment, appliances, and components	335	446	499
Transportation equipment	336	5,778	4,015
Motor vehicles, bodies and trailers, and parts	3361, 3362, 3363	2,441	1,444
Other	na	3,336	2,571
Other	na	651	D
Wholesale trade	42	6,635	7,404
Motor vehicles and motor vehicle parts and supplies	4231	464	357
Electrical goods	4236	2,146	2,406
Petroleum and petroleum products	4247	D	D
Other	na	D	D
Retail trade	44–45	D	D
Food and beverage stores	445	0	0
Other	na	D	D
Information	51	1,252	2,108
Publishing industries	511	907	1,760
Telecommunications	517	D	D
Other	na	D	D
Finance and insurance	52	10	8
Depository credit intermediation (banking)	5221	0	0
Finance, except depository institutions	na	10	7
Insurance carriers and related activities	524	*	1
Real estate and rental and leasing	53	D	D
Real estate	531	1	D
Rental and leasing (except real estate)	532	D	D
Professional, scientific, and technical services	54	2,021	2,347
Architectural, engineering, and related services	5413	322	279
Computer systems design and related services	5415	390	311
Management, scientific, and technical consulting	5416	5	5
Other	na	1,305	1,752
Other industries	na	387	410
Mining	21	132	170
Utilities	22	1	8
Construction	23	D	15
Transportation and warehousing	48–49	D	D
Administration, support, and waste management	56	D	D

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Industry/sector	NAICS code	2007	2008
Health care and social assistance	62	D	D
Accommodation and food services	72	*	*
Miscellaneous services	na	89	87

* = ≤\$500,000; D = suppressed to avoid disclosure of confidential information; e = >50% of value for data cell estimated to account for data not reported by respondents; na = not applicable

NAICS = North American Industry Classification System

NOTES: Data for R&D performance of majority-owned (>50%) nonbank U.S. affiliates of foreign parent companies. Total R&D performed refers to R&D expenditures according to who conducts R&D activity, whether for performer or for others under contract, and excludes R&D expenditures conducted by others under contract. Industry data are classified by the Bureau of Economic Analysis using the International Survey Industry classification system based on the NAICS. Data for 2007–08 are based on the 2002 NAICS. Ultimate beneficial owner is person proceeding up U.S. affiliate's ownership chain beginning with and including foreign parent not owned >50% by another person. Detail may not add to total because of rounding.

SOURCE: Bureau of Economic Analysis, Survey of Foreign Direct Investment in the United States (annual series), <http://www.bea.gov/international/index.htm#omc>, accessed 15 February 2011.

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